

## **Appendix A**

### **Cultural Resources Procedures Flowchart (Not yet available)**

## **Appendix B**

### **Sample Navajo Nation HPD Notice of Intent Form**



United States  
Department  
of  
Agriculture

Natural  
Resources  
Conservation  
Service

PO Box 3561  
Shiprock, NM 87420  
(505) 368-5723  
FAX (505) 368-5733

DATE: March 22, 2000

**NOTICE OF INTENT TO CONDUCT CULTURAL RESOURCES SURVEY**  
(5 day notification period)

This notice is to inform the Navajo Nation Historic Preservation Department that the NRCS Shiprock Field Office intends to perform a cultural resources survey, according to the conditions of Class B blanket permit No. B20001b, for the following proposed undertaking:

NAME: Mr. Darren & Mr. Davis Harwood STATE: NEW MEXICO COUNTY: SAN JUAN  
CHAPTER: Upper Fruitland COOPERATOR: Mr. Darren Harwood  
LAND STATUS: NAVAJO TRUST LAND CURRENT LAND USE: FARM  
TOWNSHIP: 29 N RANGE: 14 W SECTION(S): unplatted  
7.5' QUAD (s): Kirkland, NM ATTACHED? Y  
EXISTING DATA SEARCH COMPLETED ON  
IN DIRECT CHARGE: Jerry Gilmore, Ray Sisneros, GENERAL CHARGE: **MR. JOHN ALLISON**  
& Kathy King

**PROJECT DESCRIPTION: 1999 EQIP SAN JUAN RIVER BASIN (IRRIGATION PROJECT):**  
(430-PVC Gated Pipe, 430-Irrigation Pipeline, 443-Irrigation System, 587-Structure Water Control Structure, 328-Conservation Cropping System, 344-Residue Management, 449-IWM, 590-Nutrient Management, 595-Pest Management, 645-Upland Habitat Management Wildlife.)

This irrigation project is to help improved local farmer, e.g., Irrigation Pipeline (above and under ground), Water Control Structure,, and establish management practices on their existing farmland.

Project to be implement, Underground Irrigation pipeline will be installed by excavating around the existing canal headgate to a depth of 5 feet.

Project to be implement, Irrigation pipeline, 800 feet of 8" diameter PVC gated pipe will be laid above ground at the top of the field. Project to be implement, Concrete inlet structure will be installed in the excavated area and will connect onto the headgate. Construction will require the use of a rubber tire backhoe for trenching and backfilling. The trench will be 24" wide and 48" deep for a distance of 400 feet.

The Right of Way allowing for turnarounds and pipe unloading will be 30 feet from the center line of the ditch. The entire project area includes pipeline, control structure, and land leveling (totaling 7.8 acres). The survey will include a 50 feet buffer around the field and the irrigation ditch, 8.3 acres. Storage for the equipment and materials will be next to the homestead or the community chapter. This entire area will be pedestrian surveyed.

SURVEY TYPE: PEDESTRIAN  
TOTAL AREA OF POTENTIAL EFFECT: 7.0 ACRES TRANSECT INTERVAL: 15 meters FT.

cc: Mr. Gary L. Navarre, Cultural Resources Specialist, USDA NRCS, Phoenix, AZ

1. HPD REPORT NO. HPD-01-123	2. (FOR HPD USE ONLY)	3. RECIPIENTS ACCESSION NO.
4. TITLE OF REPORT: Cultural Resources Inventory of the D. Orthy Tank, Trough, and Pipeline Project, in Jonesville, Apache county, Arizona, on the Navajo Nation  AUTHOR(s): Christopher McLaughlin		5. FIELDWORK DATES: 03/20/01  6. REPORT DATE: 03/21/01
7. CONSULTANT NAME AND ADDRESS General Charge: W. West, Cultural Resource Specialist Org. Name: USDA/Natural Resources Conservation Service Org. Address: PO Box 499, St. Michaels, AZ 86511 Phone: 520/871-4547 ext. 105		8. PERMIT NO. B9901B  9. CONSULTANT REPORT NO.
10. SPONSOR NAME AND ADDRESS Direct Charge: Christopher McLaughlin Org. Name: USDA/NRCS Org. Address: PO Box 499 Phone: 520/871-4547 ext. 105 Cc:		11. SPONSOR PROJECT NO.  12. AREA OF EFFECT: <u>40</u> ac AREA SURVEYED: <u>40</u> ac
13. LOCATION (Map Attached): Yes a. Chapter Few Farms b. Agency CHINLE c. County APACHE d. State: ARIZONA e. Land Status: Navajo Nation Tribal Trust f. UTM Center: 29N R 10 E Sec Unplatted g. Location: Wild Springs Canyon h. 7.5' map: CHINLE		
14. REPORT <input type="checkbox"/> OR SUMMARY (REPORT ATTACHED) <input type="checkbox"/> OR PRELIMINARY REPORT <input type="checkbox"/> a. Description of Undertaking See Supplemental Sheet.  b. Existing Data Review: See Supplemental Sheet  c. Area Environmental & Cultural Setting: See Supplemental Sheet.  d. Field Methods: See Supplemental Sheet		
15. CULTURAL RESOURCE FINDINGS: a. Location/Identification of each resource (above): See Supplemental Sheet  b. Evaluation of Significance for Each Resource (above): See Supplemental Sheet		
16. MANAGEMENT SUMMARY (Recommendation): See Supplemental Sheet		
17. CERTIFICATION: SIGNATURE: _____ DATE: _____ Direct Charge Name: Christopher McLaughlin SIGNATURE: _____ DATE: _____ General Charge Name: W. West, Cultural Resources Specialist		



# CONSERVATION PLAN MAP

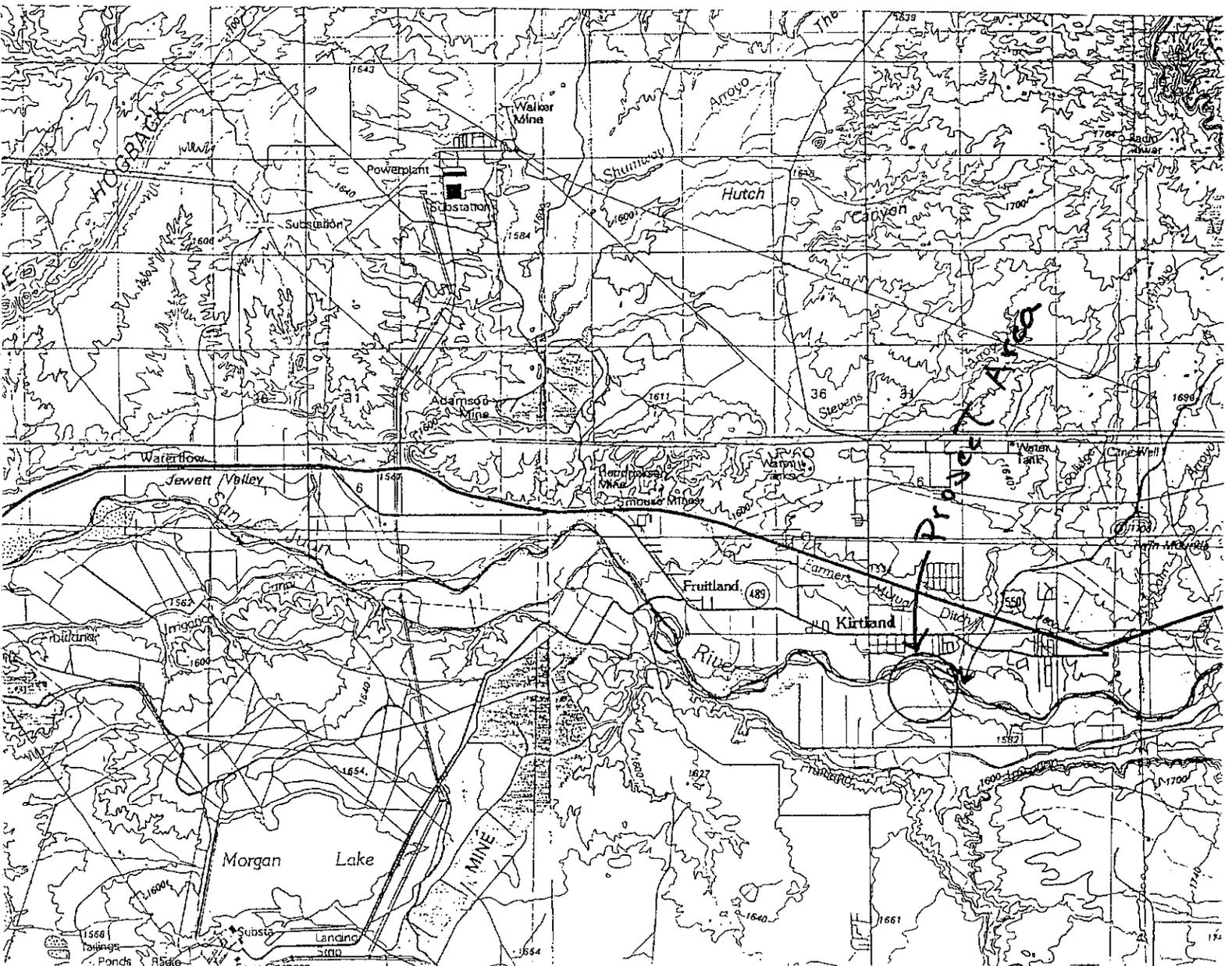
UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE

cooperating with  
Shiprock Conservation District

Owner	<u>SAN RIVER BASIN IRRIGATION</u>	County	<u>SAN JUAN</u>	State	<u>NM</u>
Operator	1999 EQIP	Date		No. Scale	1:100 000
Plan	MR. DARTEN HARWOOD MR. DAVIS HARWOOD	Acres	(Approximate)	Photo No.	<u>Farmington, NM</u>
				-N- ↑	

Location (Community, watershed, road & distance, etc.)

## VICINITY MAP





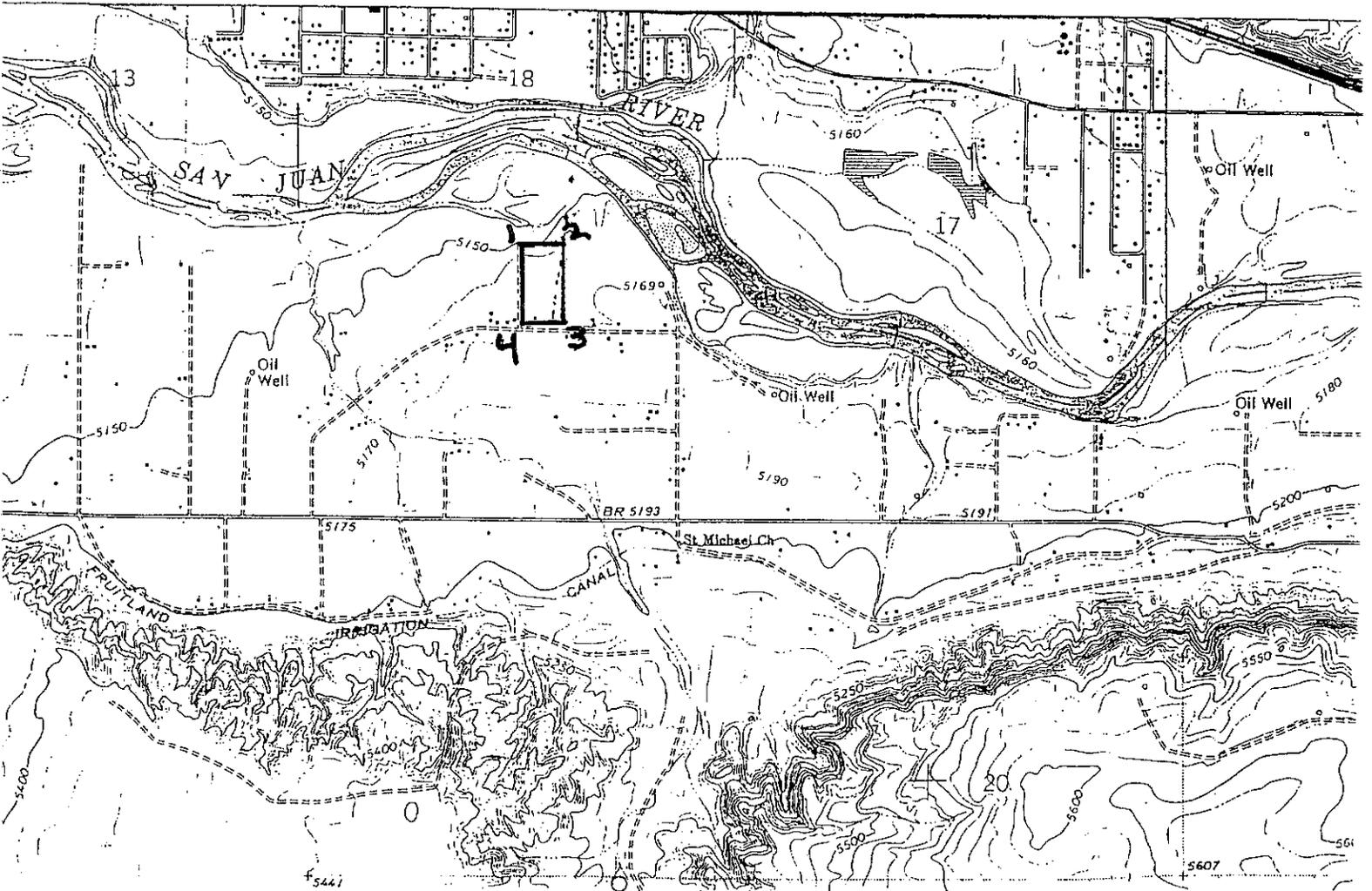
# CONSERVATION PLAN MAP

UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
cooperating with  
Shiprock Conservation District

Owner	Mr. Darren Harwood & Mr. Davis	County	<u>SAN JUAN</u>	State	<u>NM</u>
	Harwood				
Operator	- 1999 EQIP	Date		No. Scale	<u>7.5min</u>
Plan	84-0	Acres	<u>7.0</u>		<u>Kirkland, NM</u>
	(Plot)		(Approximate)	Photo No.	

Location (Community, watershed, road & distance, etc.)

- JTM:
- ① 7366CE 406753N
  - ② 73677E 406753N
  - ③ 73677E 406705N
  - ④ 7366CE 406705N



## **Appendix C**

**Sample Navajo Nation HPD Archaeological Inventory Report  
with Sample Supplemental Sheet, Sample Project Location  
Map, and Sample Archaeological Site Map.**

C2

**Supplemental Sheet to N.H.P.D. Form Archaeological Inventory Report**

**Project:** D. Orthy Tank, Trough, and Pipeline Project.

13. LOCATION (cont.)

Install Tank, trough, and pipeline beginning at point #1 of attached map to point #3. It is located in T 29N R10E unsectioned and projected. The general location is in 7.5-minute USGS maps for Wild Springs Canyon, Arizona, approximately 5 miles from Jonesville village. The project is located next to a servicable access road for minimum impact.

14. A. DESCRIPTION OF UNDERTAKING, (cont.)

Install a 12,000-gallon fiberglass storage tank, 500-gallon trough and 50 feet of 1 ¼" PE above ground pipe through an EQIP contract. Purpose will be for supplying water to livestock to begin rotational grazing. The tank will be secured with three steel cables tied to angular cedar posts. This will prevent movement during times when the tank is empty. The trough will be secured with three steel posts for the same purpose. The trough will include a ramp for small wildlife access and escape.

B. EXISTING DATA REVIEW (cont.)

A records check of NNHPD records prior to the survey on 3/15/01, revealed no previously recorded sites are located within 0.5 miles of the proposed project site. An interview with the permit holder reveals no sacred sites in the immediate area. The permit holder is a member of the Few Springs Chapter and is traditional Navajo.

C. AREA ENVIRONMENTAL AND CULTURAL SETTING: (cont.)

The proposed project site is located 9 miles Northeast of Few Springs Chapter House. 0-1% slopes, and established farmstead in sandy loam foothills characterize the land. The elevation is 5106 feet. Presently there are no fence lines near the project. The vegetation consists of Galleta and Blue Gamma grasses. The range site is Sandy Loam Upland.

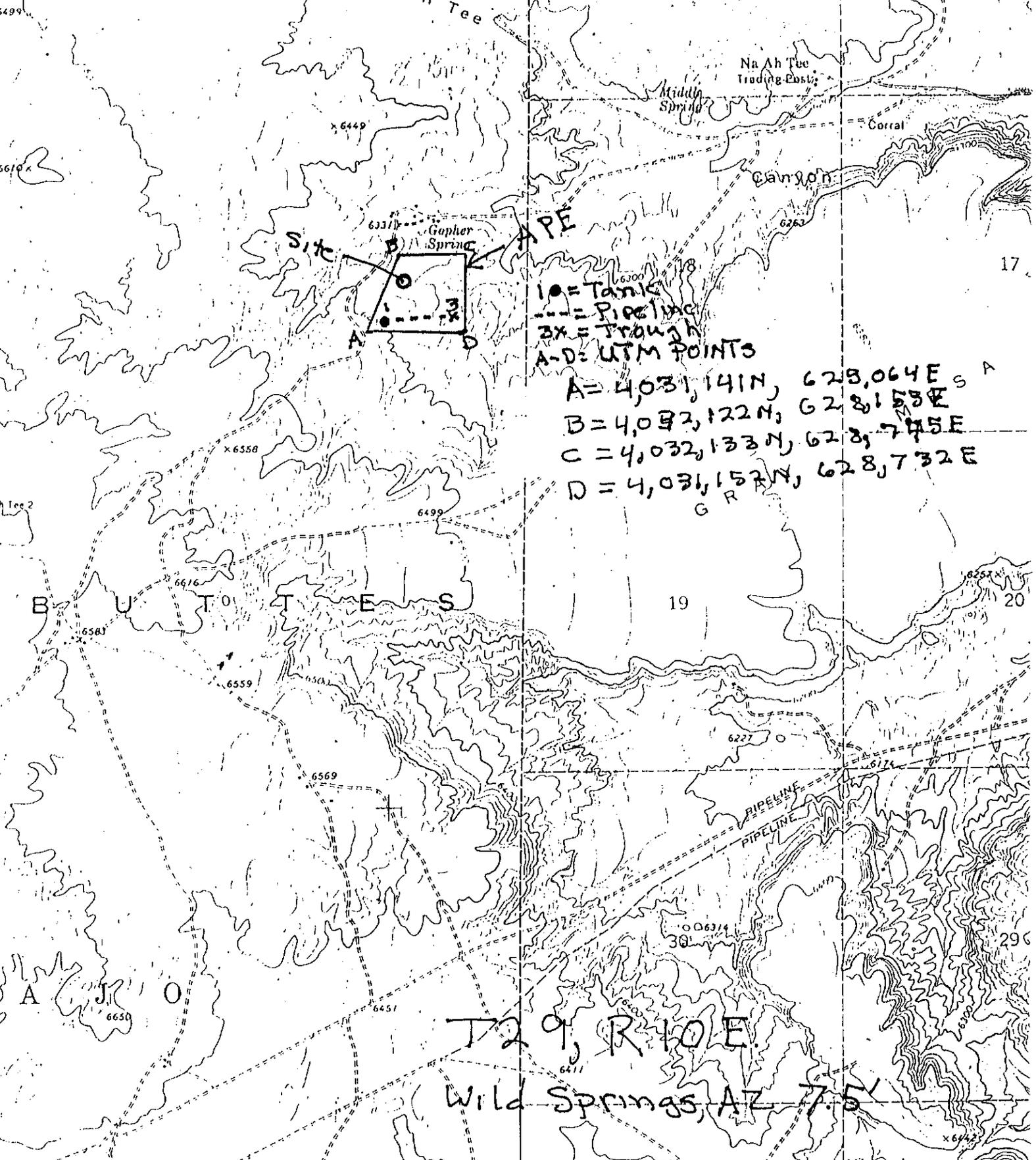
D. FIELD METHODS (cont.)

On March 15, 2001, Karl Enigma, of the Mirage NRCS Field Office, conducted the cultural resource survey. The survey was conducted by walking North and South oriented parallel transects spaced 15 meters apart. The UTM's shown on the map were obtained in the field.

E. CULTURAL RESOURCE FINDINGS (cont.)

One cultural site (an artifact scatter) was found during the survey. Site consisted of ceramics and lithics in an approximately 30 m roughly circular area. There were a total of 50 potsherds of which 32 were plain brownware and 18 of the sherds were Mesa Verde black on white. There were also approximately 25 lithic flakes but no discernable tools. Several buildings near the site are old, but less than 50 years. An interview was conducted with D. Orthy, The permit holder and a long time resident of the area. He was unaware of any sacred sites, burials, or herb gathering places in or around the proposed project area.

# D. Orthy Tank, Trough, and Pipeline Project



1 = Tank  
 --- = Pipeline  
 2X = Trough  
 A-D = UTM POINTS  
 A = 4,031,141N, 628,064E  
 B = 4,032,122N, 628,153E  
 C = 4,032,133N, 628,745E  
 D = 4,031,152N, 628,732E

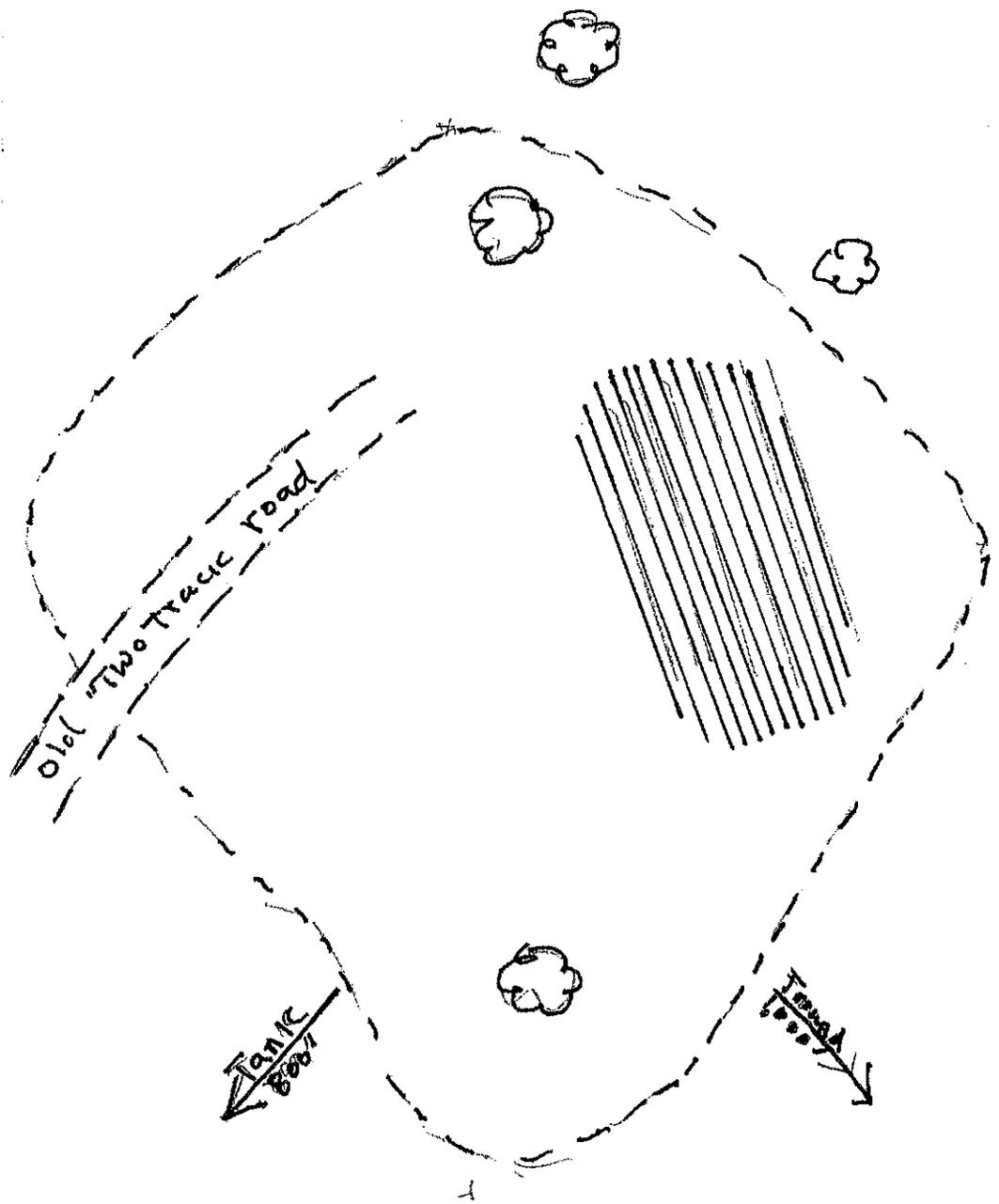
T29, R10E  
 Wild Springs, AZ 775

# D. Orthy Tank, Trough, and Pipeline

C. McLaughlin 03/20/00  
Site Plan Map



- - - = Site Boundary
- ☼ = Juniper
- - - = Old Road
- ||||| = Greatest Concentration of Pot Shards.



## **Appendix D**

### **Sample Navajo Nation Isolated Occurrence Record and Alternative Table.**

Natural Resources Conservation Service (NRCS)  
Cultural Resources  
ISOLATED OCCURRENCE RECORD

DI

I.O. No: 1 Date Recorded: 3/20/01 Field Office: Dilkon

Conservation Plan Name: D. Orthy Tank, Pipeline, and Trough Project

County: Apache USGS Map Reference: Wild Horse Canyon, A27.5'

Township: 13N Range: 20E NE 1/4, NW 1/4, SW 1/4, Sec. 19

UTM Coordinates: Zone: 12 4,031,175 mN; 626,079 mE.

Land Status:  Pvt.  Fed.  St.  Trust  Muni.  Other

PHYSICAL CONTEXT

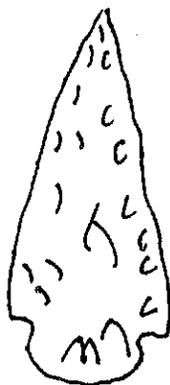
on surface among pebbles in wind-deflated dip on a slight slope.

CULTURAL CONTEXT (Check any that apply)

- | Pre-Historic                                |                                   | Historic-Era                             |                                  |
|---|-----------------------------------|--|----------------------------------|
| <input type="checkbox"/> Paleoindian        | <input type="checkbox"/> Mogollon | <input type="checkbox"/> Anglo           | <input type="checkbox"/> Mixed   |
| <input type="checkbox"/> Archaic            | <input type="checkbox"/> Sinaguan | <input type="checkbox"/> Hispanic        | <input type="checkbox"/> Unknown |
| <input checked="" type="checkbox"/> Anasazi | <input type="checkbox"/> Patayan  | <input type="checkbox"/> Native American |                                  |
| <input type="checkbox"/> Hohokam            | <input type="checkbox"/> Unknown  | <input type="checkbox"/> Asian           |                                  |
| <input type="checkbox"/> Other:             |                                   |  |                                  |

Date Range (if known): UNKNOWN

Sketch or photo:



SCALE = Actual Size

Attach copy of USGS 7.5' Quadrangle, showing location.

Post-it® Fax Note	7671	Date	# of pages
To	CERADKELSD	From	NOYES
Co. Dept	NRLS	Co.	HPD
Phone #	(602) 280-8787	Phone #	871-7144
Fax #	(602) 280-8805	Fax #	7886

Table 2. Isolated Occurrences Encountered Dur

IO No.	Summary De			
00-140-1	1 trash scatter	12	4004060	705510
00-140-2	1 Narbona Pass Chert flake	12	4005700	701090
00-140-3	1 tan silicified wood flake	12	4005780	701100
00-140-4	1 Narbona Pass Chert core/edge scraper	12	4005820	701060
00-140-5	1 chalcedony cutting tool	12	4005740	701040
00-140-6	1 one-hand cobble mano	12	4120880	652140
00-140-7	1 Narbona Pass Chert cutting tool	12	4011620	700180
00-140-8	1 Narbona Pass Chert edge scraper	12	4015360	696400
00-140-9	1 red/brown silicified wood unidirectional core	12	4015740	696460
00-140-10	1 Narbona Pass Chert flake	12	4018030	707300
00-140-11	1 corrugated jar sherd	12	4018080	707320
00-140-12	1 plain gray ware sherd	12	4013710	719460
00-140-13	1 white ware sherd	12	4013720	719520
00-140-14	3 corrugated jar sherds	12	4013660	719520
00-140-15	1 unclassified black-on-white bowl sherd	12	4013660	719460
00-140-16	1 one-hand bifacial mano fragment	12	4015820	741190
00-140-17	1 corrugated jar sherd	12	4030180	698720
00-140-18	1 two-hand bifacial mano	12	4030180	698760
00-140-19	1 Narbona Pass Chert flake	12	4031190	695800
00-140-20	2 corrugated jar sherds	12	4033680	704670
00-140-21	3 corrugated jar sherds	12	4033680	704360
00-140-22	1 plain gray ware sherd	12	4033680	704000
00-140-23	1 unclassified black-on-white sherd	12	4045250	697230
00-140-24	1 Brushy Basin Chert multidirectional core	12	4072060	623100
00-140-25	1 Brushy Basin Chert shatter fragment with cortex	12	4072000	623110
00-140-26	1 white quartzite core	12	4083120	646700
00-140-27	1 two-hand mano fragment	12	4079450	644190
00-140-28	1 cobble mano fragment	12	4094060	649060
00-140-29	2 chert flakes	12	4094150	649270
00-140-30	1 Brushy Basin Chert flake	12	4084970	668260
00-140-31	1 quartzite flake	12	4118920	650860
00-140-32	1 one-hand mano	12	4118720	650020
00-140-33	1 trash/ash scatter	12	4118540	651030
00-140-34	1 unclassified black-on-white sherd	12	4069200	713440
00-140-35	1 white chert flake	12	4069280	713450
00-140-36	1 trash/ash scatter	12	4067470	739620
00-140-37	1 trash/ash scatter	12	4067470	739660
00-140-38	1 trash scatter	12	4067460	739590
00-140-39	1 corrugated jar sherd	12	4071880	714500
00-140-40	1 biface tip, 5 Brushy Basin Chert flakes	12	4136280	657300
00-140-41	1 trash/ash scatter	12	4072440	706010
00-140-42	1 corrugated jar sherd	12	4072450	705980
00-140-43	1 trash scatter	12	4075120	706950
00-140-44	1 trash scatter	12	4075100	706930

CULTURAL RESOURCES COMPLIANCE FORM  
HISTORIC PRESERVATION DEPARTMENT  
P O BOX 4950  
WINDOW ROCK, ARIZONA 86515

ROUTING: COPIES TO  
AZ SHPO  
XX REAL PROPERTY MGT/330  
XX ~~ANAD~~ NRCS

NNHPD NO. HPD-99-200  
OTHER PROJECT NO. \_\_\_\_\_  
~~NNAD-99~~ NRCS

PROJECT TITLE: A Cultural Resource Inventory Survey

LEAD AGENCY: ~~DIANA~~ USPA - NRCS

SPONSOR: NRCS

PROJECT DESCRIPTION: The proposed undertaking will involve construction of a fence line and 50' diameter stock house and associated facilities within the one acre lease area. Ground disturbance will be intensive and extensive.

LAND STATUS: Tribal Trust

CHAPTER:

LOCATION: Unplatted & projected T N, R E; County, Arizona G&SRPM&B

PROJECT ARCHAEOLOGIST:

NAVAJO ANTIQUITIES PERMIT NO.: Navajo Nation Code (19 NNC 1001 §302 et seq.)

DATE INSPECTED:

DATE OF REPORT:

TOTAL ACREAGE INSPECTED: 2.9

METHOD OF INVESTIGATION: Class III pedestrian inventory with transects spaced 15 m apart.

LIST OF CULTURAL RESOURCES FOUND: None  
LIST OF ELIGIBLE PROPERTIES: None  
LIST OF NON-ELIGIBLE PROPERTIES: None  
LIST OF ARCHAEOLOGICAL RESOURCES: None

EFFECT/CONDITIONS OF COMPLIANCE: ~~No properties were located.~~ No historic properties affected.\*

In the event of a discovery ["discovery" means any previously unidentified or incorrectly identified cultural resources including but not limited to archaeological deposits, human remains, or locations reportedly associated with Native American religious/traditional beliefs or practices], all operations in the immediate vicinity of the discovery must cease, and the Navajo Nation Historic Preservation Department must be notified at (520) 871-7132.

FORM PREPARED BY: James Dryer

FINALIZED:

Notification to Proceed Recommended: Yes XX No \_\_\_  
Conditions: Yes \_\_\_ No XX

\_\_\_\_\_  
Alan S. Downer  
Navajo Nation Historic Preservation Officer

\_\_\_\_\_  
Date

\* This per revised Section 106

Post-it* Fax Note	7871	Date	12-12-00	# of pages	1
To	Gerald Kelso	From	Jim Dryer		
Co./Dept.		Co.			
Phone #		Phone #	520/871-7880		
Fax #	602/280-8805	Fax #	7886		

